

Message Text

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63

ORIGIN EB-02

INFO OCT-01 EUR-01 ISO-00 /004 R

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APPROVED BY: EB/TD:JJO'NEILL JR

EUR/EE-RAMOSHER

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R 060235Z MAR 76

FM SECSTATE WASHDC

TO AMEMBASSY SOFIA

UNCLAS STATE 047883

FOLLOWING REPEAT STATE 047883 ACTION ANKARA BELGRADE BONN
BRUSSELS BUDAPEST NEW EELHI PARIS TOKYO VIENNA INFO GENEVA
27 FEB REPEATED BERN LONDON ROME 02 MAR

QUOTE

UNCLAS STATE 047883

E.O. 11652: N/A

TAGS: ETEL, TSPA, AU BE FR GW HU IN JA TU US YO

SUBJECT:REQUEST FOR FREQUENCY CLEARANCE (401.2 MHZ) IN
CONNECTION WITH BICENTENN AL AROUND THE WORLD AUTO RACE

1. COOPERATION OF ACTION ADDRESSES WOULD BE APPRECIATED IN
OBTAINING FREQUENCY CLEARANCE IN CONNECTION WITH OFFICIALLY
-RECOGNCZED B CENTENNIAL AROUND THE WORLD AUTO RACE
SCHEDULED FOR MAY TO JULY 1976.

2. BACKGROUND.

A. AROUND THE WORLD AUTO RACE (USAWAR), WILL BE RE-
CREATION OF THE GREAT RACE OF 1908. F FTEEN CARS, ALL OF
PRE-1915 VINTAGE, FIVE OF THEM AMERICEN, SCHEDULED
BEGIN RACE IN PARIS 5/31, ENDING IT AT NEW YORK CITY 7/29.

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B. ONE OF U.S. ENTRIES IS 1914 MODEL-T FORD OWNED BY MR. ROBERT PICKARD OF ADELPHI, MARYLAND, WHO IS COOPERATING WITH NASA IN CONDUCTING DEMONSTRATION OF SATELLITE TRACKING AND DATA COLLECTION. THIS INVOLVES EQUIPPING CAR WITH TRANSMITTER WHICH SENDS SIGNAL TO NIMBUS 6 SATELLITE, ENABLING DETERMINATION OF DAILY POSITIONS OF CAR.

2. ADDRESSEE POSTS REQUESTED TO SEEK PERMISSION OF HOST GOVERNMENT TO OPERATE TRANSMITTER IN ITS TERRITORY. TRANSMITTER TO BE OPERATED FOR ONE SECOND EACH MINUTE DURING

DAYLIGHT HOURS, WITH LOW POWER ON 401.2 MHZ, I.E. IN BAND ALLOCATED INTERNATIONALLY FOR SPACE OPERATION (TELEMETERING) ON A PRIMARY BASIS. NO INTERFERENCE TO OTHER SERVICES IS EXPECTED. OTHER TECHNICAL PARAMETERS FOLLOW: RADIO FREQUENCY BANDWIDTH: 30 KHZ. DATA RATE: 600 BITS PER SECOND. MODULATION: PHASE SHIFT KEYING, PLUS/MINUS 60 DEGREES. TRANSMITTER POWER: 2.4 WATTS. ANTENNA: HEMISPHERICAL PATTERNS; PLUS 4 DB PEA GAIN AT 45 DEGREES ELEVATION; RIGHT-HAND CIRCULAR POLARIZATION. TRANSMIT RATE: ONE-SECOND PULSE EVERY 60 SECONDS. UNIT PLANNED TO REMAIN "OFF" AT NIGHT.

3. ITINERARY FOLLOWS:

DATE	DAY	ROUTING	DISTANCE (KM)
5/31	01	PARIS-BRUSSELS	326
6/1	02	BRUSSELS-BONN	219
6/2	03	BONN-FRANKFURT	176
6/3	04	FRANKFURT	
6/4	05	FRANKFURT-STUTTGART	205
6/5	06	STUTTGART-MUNICH	218
6/6	07	MUNICH	
6/7	08	MUNICH-SALZBURG	145
6/8	09	SALZBURG-VIENNA	313
6/9	10	VIENNA	
6/10	11	VIENNA-BUDAPEST	268
6/11	12	BUDAPEST	

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6/12	13	BUDAPEST-SZEGED	196
6/13	14	SZEGED-BELGRADE	232
6/14	15	BELGRADE	
6/15	16	BELGRADE-NIS	164
6/16	17	NIS-SOFIA	146
6/17	18	SOFIA-PLDIV	166
6/18	19	PLDIV-ERDIRNE	174
6/19	20	ERDIRNE-ISTANBUL	243

6/20	21	ISTANBUL	
6/21	22	ISTANBUL	
6/22	23	ISTANBUL (LEAVE BY AIR)	
6/23	24	DEHLI (ARRIVE BY AIR)	
6/24	25	DEHLI-AGRA	195
6/25	26	AGRA-DAIPUR	230
6/26	27	JAIPUR-DEHLC	BQIP
6/27	28	DEHLI (LEAVE BY EIR)	
6/28	29	TOKYO (ARRIVE BY AIR)	
6/29	30	TOKYO	
6/30	31	TOKYO	
/6	32	TOKYO	
7/2	33	TOKYO-SAN FRANCISCO (BY AIR)	

DATE	DAY	ROUTING	DISTANCE (KM)
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7/3	34	SAN FRANCISCO	
7/29	60	NEW YORK CITY	5614

4. PLEASE REPORT PROGRESS AND ADVISE OF ANY PROBLEMS
ENCOUNTERED. KISSINGER UNQUOTE INGERSOLL UNQUOTE
KISSINGER

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Message Attributes

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Margaret P. Grafeld
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